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WATER SUPPLY OUTLOOK FOR NEVADA



U. S. DEPARTMENT of AGRICULTURE ★ SOIL CONSERVATION SERVICE

Collaborating with

**NEVADA DEPARTMENT of CONSERVATION
and NATURAL RESOURCES
DIVISION of WATER RESOURCES**

Data included in this report were obtained by the agencies named above in cooperation with Federal, State and private organizations listed inside the back cover of this report.

AS OF
MAY 1, 1974

TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1900 snow courses in Western United States and in the Columbia Basin in British Columbia. Networks of automatic snow water equivalent and related data sensing devices, along with radio telemetry are expanding and will provide a continuous record of snow water and other parameters at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

*Cover Photo: Snow Surveyors near Ship Creek,
Alaska snow course.*

U.S. PHOTO A-272-11

PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, Western Regional Technical Service Center, Room 209, 511 N. W. Broadway, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

STATE	ADDRESS
Alaska	204 E. 5th. Ave., Room 217, Anchorage, Alaska 99501
Arizona	6029 Federal Building, Phoenix, Arizona 85025
Colorado (N. Mex.)	P. O. Box 17107, Denver, Colorado 80217
Idaho	Room 345, 304 N. 8th. St., Boise, Idaho 83702
Montana	P. O. Box 98, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno Nevada 89505
Oregon	1218 S. W. Washington St., Portland, Oregon 97205
Utah	4012 Federal Bldg., 125 South State St., Salt Lake City, Utah 84138
Washington	360 U.S. Court House, Spokane, Washington 99201
Wyoming	P. O. Box 2440, Casper, Wyoming 82601

PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Water Supply Forecast and Snow Surveys Unit, California Department of Water Resources, P. O. Box 388, Sacramento, California 95802 --- and for British Columbia by the Department of Lands, Forests and Water Resources, Water Resources Service, Parliament Building, Victoria, British Columbia



WATER SUPPLY OUTLOOK FOR NEVADA

and
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Issued by

KENNETH E. GRANT

ADMINISTRATOR
SOIL CONSERVATION SERVICE
WASHINGTON, D.C.

|||||

Released by

CHARLES A. KRALL

STATE CONSERVATIONIST
SOIL CONSERVATION SERVICE
RENO, NEVADA

In Cooperation with

ELMO J. DE RICCO

DIRECTOR
DEPARTMENT OF CONSERVATION AND
NATURAL RESOURCES
CARSON CITY, NEVADA

|||||

Report prepared by

DONALD W. McANDREW, Snow Survey Supervisor

and

JOHN D. RODA, Assistant Snow Survey Supervisor

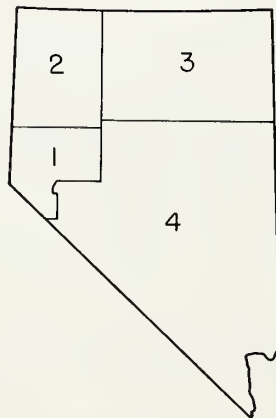
SOIL CONSERVATION SERVICE
P. O. BOX 4850
RENO, NEVADA

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LIST OF COOPERATORS.....Inside Back Cover

ALL AVERAGES ARE FOR 1958-72 PERIOD



AREA LOCATIONS

WATER SUPPLY OUTLOOK FOR NEVADA

MAY 1, 1974, SNOWPACK REMAINS ABOVE AVERAGE THROUGHOUT NEVADA. THIS, COUPLED WITH HIGH RESERVOIR STORAGE, INSURES AN EXCELLENT WATER SUPPLY WITH STREAMFLOW RECEDING LATER THAN NORMAL THIS SUMMER.

RESERVOIR STORAGE IS 135 PERCENT OF NORMAL, WITH RYE PATCH AND WILD HORSE RESERVOIRS HOLDING CONTENTS GREATER THAN THEIR NORMAL CAPACITIES BY ADDING FLASHBOARDS ALONG THE SPILLWAYS.

STREAMFLOW FORECASTS INDICATE ALL STREAMS IMPORTANT TO NEVADA'S WATER SUPPLY WILL PRODUCE AVERAGE TO 30 PERCENT ABOVE AVERAGE FLOWS THIS SUMMER.

High elevation snow is excellent, ranging near 130 percent of normal in most areas, while low elevation snow is almost depleted, only about 50 percent of average.

In Nevada the high elevation snowpack contains most of the water held in nature's natural reservoir (snow on the mountains); therefore, streamflow will be well above average.

The streams along the Eastern Sierra will flow from 127 percent of average on the Truckee drainage, to 115 percent in the Carson and 110 percent on the Walker drainage.

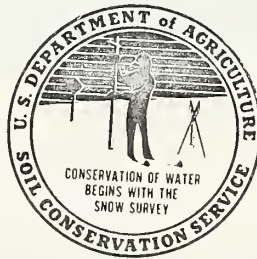
The Jarbidge Mountains north and the Ruby Mountains south of Elko contain 117 percent of average snowpack. This will result in the Humboldt River flowing 20 percent above average this summer.

The Schell Range near Ely is 109 percent of average. Water users in the Ely area will have near average summer streamflow.

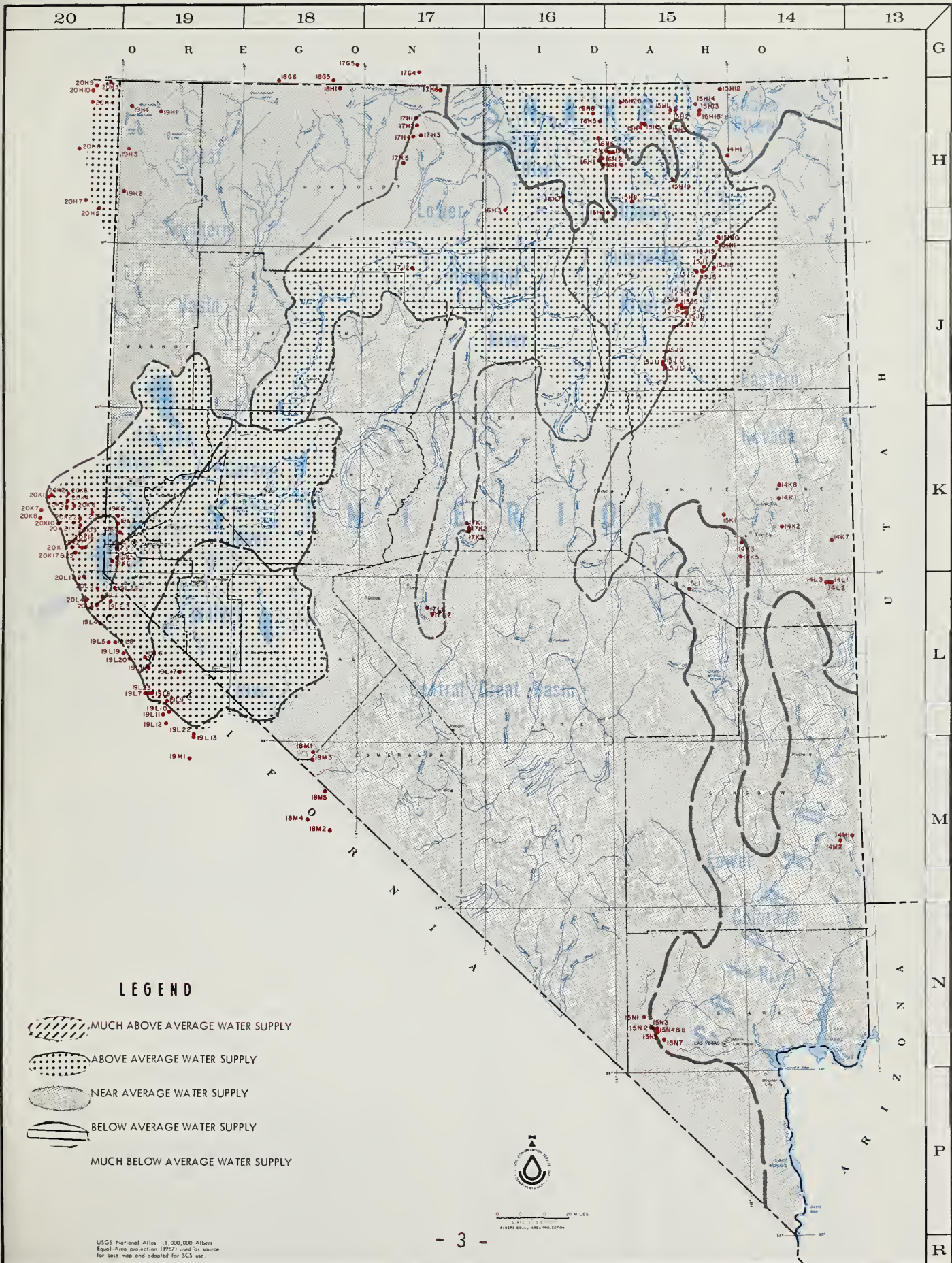
High elevation snow in the Warner Mountains near Cedarville is almost double the average amount, and even the lower lakes in Surprise Valley will receive snowmelt water this year.

Precipitation during April was near average, with the only major storm starting in late March and continuing into the first two days of April.






Soils are very dry at the lower elevations where the snowpack has melted and fairly dry at the higher elevations.



PROSPECTIVE WATER SUPPLY FOR NEVADA



LEGEND

-  MUCH ABOVE AVERAGE WATER SUPPLY
-  ABOVE AVERAGE WATER SUPPLY
-  NEAR AVERAGE WATER SUPPLY
-  BELOW AVERAGE WATER SUPPLY
-  MUCH BELOW AVERAGE WATER SUPPLY



0 10 20 MILES
ALBERT EQUAL AREA PROJECTION

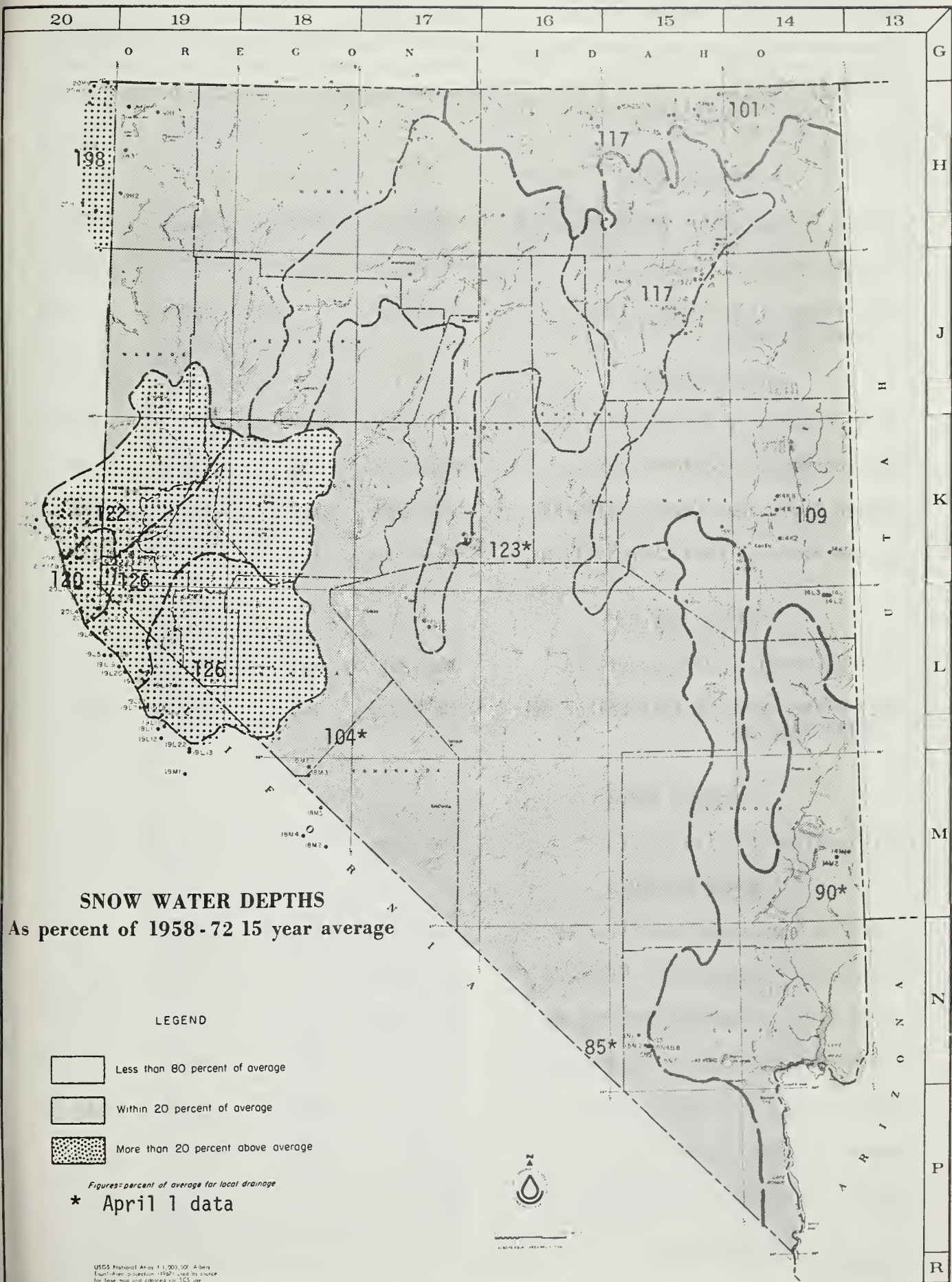
USGS National Atlas 1:1,000,000, 1967
Equal-Area projection (1967) used as source
for base map and adapted for SCS use.

INDEX TO NEVADA SNOW COURSES

(By Basins)

Refer to the map on the preceeding page for Snow Course locations.

NUMBER	NAME	SEC.	TWP.	RGE.	ELEV.	NUMBER	NAME	SEC.	TWP.	RGE.	ELEV.
SNAKE RIVER BASIN						LAKE TAHOE					
SNAKE RIVER						20L5	Echo Summit (Cal.)	6	11N	18E	7450
15H1MA	Bear Creek	31	46N	58E	7800	19L2	Freel Bench (Cal.)	36	12N	18E	7300
15H2	Fox Creek	33	46N	58E	6800	19K6	Glenbrook #2	13	14N	18E	6900
15H13A	Goat Creek	31	46N	60E	8800	19L3MSZ	Hagans Meadow (Cal.)	36	12N	18E	8000
15H15A	Hummingbird Springs	6	45N	60E	8945	20L4	Lake Lucille (Cal.)	28	12N	17E	8200
14H1	Jakes Creek	6	42N	62E	7000	19K4MSTZ	Marlette Lake	18	15N	19E	8000
15H20a	Merritt Mountain	10	46N	54E	7000	20L3	Richardsons #2 (Cal.)	6	12N	18E	6500
15H14A	Pole Creek Ranger Station	13	46N	59E	8330	20L1	Rubicon #1 (Cal.)	6	13N	17E	8100
15H18a	Red Point	15	47N	61E	7940	20L2	Rubicon #2 (Cal.)	6	13N	17E	7500
15H3A	76 Creek	6	44N	58E	7100	20K16	Tahoe City (Cal.)	6	15N	17E	6250
15H19a	Stag Mountain	29	41N	58E	7800	19L1	Upper Truckee (Cal.)	21	12N	18E	6400
OWYHEE RIVER						20K17M	Ward Creek (Cal.)	21	15N	16E	7000
15H4MP	Big Bend	30	45N	56E	6700	20K25STZ	Ward Creek #2 (Cal.)	21	15N	16E	6750
16H6a	Columbia Basin	31	45N	53E	6650	20K27	Tahoe City Cross (Cal.)	1	15N	16E	6750
16H8a	Fawn Creek	2	45N	52E	7000	TRUCKEE RIVER					
15H5	Gold Creek	32	45N	56E	6600	20K14	Boca #2 (Cal.)	28	18N	17E	5900
16H1M	Jack Creek, Lower	18	42N	53E	6800	20K22	Brookway Summit (Cal.)	3	17N	16E	7100
16H24	Jack Creek, Upper	9	42N	53E	7250	20K21	Oonner Park #2 (Cal.)	18	17N	16E	6000
16H4	Jacks Peak	28	42N	53E	8420	20K10	Oonner Summit (Cal.)	25	17N	14E	6900
16H5	Laurel Draw	20	45N	53E	6700	20K7*	Fordyce Lake (Cal.)	34	18N	13E	6500
17G4a	Louse Canyon (Oreg.)	27	40S	44E	6440	20K8*	Furnace Flat (Cal.)	10	17N	13E	6700
15H9MP	Taylor Canyon	35	39N	53E	6200	19L245	Heavenly Valley (Cal.)	1	12N	18E	8850
INTERIOR						20K4MSTPZ	Independence Camp (Cal.)	34	19N	15E	7000
UPPER HUMBOLDT RIVER						20K3	Independence Creek (Cal.)	14	19N	15E	6500
15J17a	American Beauty	32	31N	58E	7800	20K5	Independence Lake (Cal.)	9	18N	15E	8450
15J12a	Corral Canyon	27	28N	57E	8500	19K3	Little Valley	17	16N	19E	6300
15J1MP	Goosey Basin	28	35N	60E	8100	19K2	Mt. Rose	7	17N	19E	9000
15J3	Ory Creek	5	34N	60E	6500	19K7	Mt. Rose Ski Area	30	17N	19E	9000
15H7	Fry Canyon	31	43N	54E	6700	20K6	Sage Hen Creek (Cal.)	7	18N	16E	6500
15J9MP	Green Mountain	23	29N	57E	8000	20K19	Squaw Valley #2 (Cal.)	6	15N	16E	7500
15J10	Harrison Pass #1	9	28N	57E	6600	20K13M	Truckee #2 (Cal.)	22	17N	16E	6400
15J11	Harrison Pass #2	16	28N	57E	7400	20K2*	Webber Lake (Cal.)	29	19N	14E	7000
15J4	Lamoille #1	15	32N	58E	7100	20K1*	Webber Peak (Cal.)	30	19N	14E	8000
15J5	Lamoille #2	14	32N	58E	7200	CARSON RIVER					
15J6M	Lamoille #3	24	32N	58E	7700	19L5	Blue Lakes (Cal.)	30	9N	19E	8000
15J7	Lamoille #4	19	32N	59E	8000	19L4	Carson Pass, Upper (Cal.)	22	10N	18E	8600
15J8P	Lamoille #5	31	32N	59E	8700	19K5	Clear Creek	6	14N	19E	7300
15J18a	Pole Canyon	31	35N	61E	9140	19L19a	Ebbetts Pass (Cal.)	17	8N	20E	8700
15J16a	Robinson Lake	23	33N	59E	9200	19L16a	Fish Valley, Upper (Cal.)	1	7N	22E	8050
15H6MP	Roded Flat	36	43N	53E	6800	19L06a	Poison Flat (Cal.)	25	8N	21E	7900
15J2	Ryan Ranch	1	34N	59E	5800	19L18A5	Wet Meadows Lake (Cal.)	26	9N	19E	8100
15H8	Tremewan Ranch	9	39N	55E	5700	19L20a	Wolf Creek (Cal.)	35	8N	20E	8000
15H10P	Trout Creek, Lower	28	37N	61E	6900	WALKER RIVER					
15H11A	Trout Creek, Upper	4	36N	61E	8500	19L11	Buckeye Forks (Cal.)	20	4N	23E	8500
LOWER HUMBOLDT RIVER						19L10	Buckeye Roughs (Cal.)	15	4N	23E	7900
17K1	Big Creek Camp Ground	10	17N	43E	6600	19L12A	Center Mountain (Cal.)	4	3N	23E	9400
17K2	Big Creek Mine	23	17N	43E	7600	19L8	Leavitt Meadows (Cal.)	4	5N	22E	7200
17K3	Big Creek, Upper	26	17N	43E	7800	19L17a	Lodbell Lake (Cal.)	20	7N	24E	9200
17H2	Bucks skin, Lower	25	45N	39E	6700	19L7M	Sonora Pass (Cal.)	1	5N	21E	8800
17H1	Bucks skin, Upper	11	45N	39E	8200	19L235TPZ	Sonora Pass Bridge	6	5N	22E	8800
17L1	Corral, Lower	12	11N	40E	7500	19M1*	Tioga Pass (Cal.)	30	1N	25E	9900
17L2	Corral, Upper	20	11N	41E	8000	19L13	Virginia Lakes (Cal.)	5	2N	25E	9500
17J2	Golconda #2	22	35N	39E	6000	19L22MSZ	Virginia Lakes Ridge	32	3N	25E	9200
17H4	Granite Peak	22	44N	39E	7800	19L9	Willow Flat (Cal.)	21	5N	23E	8250
17H5	Lamance Creek	13	42N	38E	6000	COLORADO					
17H3	Martin Creek	18	44N	40E	6700	LOWER COLORADO RIVER					
16H3AP	Midas	18	39N	46E	7200	15N5	Kyle Canyon	27	19S	56E	8200
16H7	Toe Jam a	29	40N	50E	7700	15N4	Lee Canyon #1	10	19S	56E	8400
EASTERN NEVADA						15N3	Lee Canyon #2	9	19S	56E	9200
14L1	Baker #1	29	13N	69E	7950	15N8	Lee Canyon #3	10	19S	56E	8500
14L2	Baker #2	30	13N	69E	8950	14M1	Mathew Canyon	10	6S	70E	6000
14L3	Baker #3	25	13N	68E	9250	14M2	Pine Canyon	23	6S	69E	6200
14K2	Berry Creek	26	17N	65E	9100	15N7	Rainbow Canyon #2	6	20S	57E	8100
14K1	Bird Creek	34	19N	65E	7500	15L1	White River #1	31	13N	59E	7400
15J15	Hole-In-Mountain	6	35N	61E	7900	LEGEND					
14K8	Kalamazoo Creek	34	20N	65E	7400	NUMBERING SYSTEM (EXAMPLE)					
14K3	Murray Summit	25	16N	62E	7250	19K4	Snow Course Only				
15K1	Robinson Summit	34	18N	61E	7600	19K45	Snow Course and Snow Pillow				
14K7	Silver Creek #2	30	16N	69E	8000	19K4M	Snow Course and Soil Moisture				
14K5	Ward Mountain #2	25	15N	62E	8900	19K4A	Snow Course and Aerial Marker				
CENTRAL GREAT BASIN						19K4P	Snow Course and Storage Precipitation Gage				
18M2	Campito Mountain (Cal.)	19	5S	35E	10200	19K4MA	Snow Course, Soil Moisture and Aerial Marker				
18M5a	Chiatovich Flat	32	2S	34E	10500	19K4MP	Snow Course, Soil Moisture and Precipitation Gage				
15N2	Clark Canyon	8	19S	56E	9000	19K45TZ	Snow Course, Snow Pillow and Temperature Radio Telemetered.				
18M1	Montgomery Pass	4	1N	33E	7100	Lower case letters m, a, p, s, t, z, indicate no snow course, only a Soil Moisture Station, Aerial Marker, Storage Precipitation Gage, Snow Pillow, Temperature, or Radio Telemetered.					
18M3a	Pinchot Creek	28	1N	33E	9300	*Located on adjacent watershed					
18M4a	Piute Pass (Cal.)	33	4S	33E	11700						
15N1	Trough Springs	23	18S	55E	8500						
NORTHERN GREAT BASIN											
19H1	Bald Mountain	17	45N	21E	6720						
20H5	Barber Creek (Cal.)	23	39N	16E	6500						
20H6	Cedar Pass (Cal.)	12	43N	14E	7100						
18G6a	Denio Creek (Oreg.)	14	41S	34E	6000						
18H1	Disaster Peak	8	47N	34E	6500						
20H3a	Oismal Swamp (Cal.)	31	48N	17E	7000						
20H7	Eagle Peak (Cal.)	35	40N	15E	7200						
19H3	49-Mountain	7	42N	19E	6000						
19H2	Hays Canyon	1	39N	18E	6400						
19H4a	Little Bally Mountain	8	45N	19E	6000						
20H9	Mt. Bidwell	6	47N	16E	7200						
20H10	North Star	13	47N	15E	6200						
17G5a	Oregon Canyon (Oreg.)	9	40S	40E	7240						
17H6a	Quinn Ridge	9	47N	41E	6300						
20H4	Reservation Creek (Cal.)	12	46N	15E	5900						
18G5a	Trout Creek (Oreg.)	10	41S	38E	7800						



STREAMFLOW FORECASTS (Thousand Acre Feet) as of: May 1, 1974

Forecasts are based on snow-water presently stored in the mountain watersheds and the assumption that precipitation will be near average throughout the forecast period. Peak flow forecasts indicate the most probable range for the maximum average 24-hour flow. All averages are for 1958-72 period.

FORECAST POINT	Forecast Period	Forecast This Year	This Year as Percent of Average	Average +
<u>TRUCKEE RIVER</u>				
Little Truckee River above Boca, CA ¹	May-July	91	140	65
Truckee River at Farad, CA ¹	May-July	252	127	199
Lake Tahoe Rise in Feet (From May 1, assuming gates closed)	May-High	1.33	122	1.09
<u>CARSON RIVER</u>				
East Carson near Gardnerville, NV	May-July	168	112	150
West Carson at Woodfords, CA	May-July	49	120	41
Carson River near Carson City, NV	May-July	161	110	146
Carson River at Fort Churchill, NV	May-July	155	118	131
<u>WALKER RIVER</u>				
East Walker near Bridgeport, CA ¹	May-Aug.	61	103	59
West Walker below Little Walker near Coleville, CA	May-July	144	112	129
<u>COLORADO RIVER</u>				
Virgin River at Virgin, UT	May-June	13	46	28
<u>HUMBOLDT RIVER</u>				
Lamoille Creek near Lamoille, NV	May-July	28	108	26
South Fork Humboldt near Elko, NV	May-July	74	130	57
Marys River above Hot Springs, NV	May-July	26	108	24
North Fork Humboldt at Devils Gate, NV	May-July	20	100	20
Humboldt River at Palisade, NV	May-July	181	121	149
Humboldt River at Comus, NV	May-July	133	118	113
Martin Creek near Paradise, NV	May-July	8	80	10

STREAMFLOW FORECASTS (Thousand Acre Feet) as of:

FORECAST POINT	Forecast Period	Forecast This Year	This Year as Percent of Average	Average +
<u>SNAKE RIVER</u>				
Owyhee River near Owyhee, NV ¹	May-July	53	129	41
Owyhee River near Gold Creek, NV ¹	May-July	15	188	8
Salmon Falls Creek near San Jacinto, NV	May-July	60	120	50
<u>SURPRISE VALLEY</u>				
Bidwell Creek near Ft. Bidwell, CA	May-July	12.7	141	9.0
Mill Creek near Cedarville, CA	May-July	4.8	137	3.5
Deep Creek near Cedarville, CA	May-July	3.9	177	2.2
Eagle Creek near Eagleville, CA	May-July	5.7	150	3.8

PEAK FLOWS (MAXIMUM MEAN DAILY) (Av. flow for 24 hrs. on day of greatest flow)

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average +
Little Truckee River - Inflow to Stampede Reservoir	1125-1375	910
East Fork Carson River near Gardnerville, NV	1710-2090	1728
Carson River near Carson City, NV	1850-2260	1901
Carson River at Fort Churchill, NV	1755-2145	1730
West Walker River below Little Walker near Coleville, CA	1470-1790	1532

FORECAST DATE of LOW FLOW VALUES

FORECAST POINT	Low Flow Value Second/Ft.	Forecast Date Stream Will Recede to Low Flow Value	Average Date of Low Flow Value
East Carson River near Gardnerville, NV	200	7/27	7/20

SOIL MOISTURE MEASUREMENTS

STATION	Profile (Inches)		Soil Moisture (Inches)		
	Depth	Capacity	Date	This Year	Average +
<u>OWYHEE-HUMBOLDT BASIN</u>					
Bear Creek	72	16.9	No measurement		-
Big Bend	48	16.7	4/30	10.9	15.6*
Rodeo Flat	42	11.0	4/30	7.6	9.8*
Taylor Canyon	48	15.1	5/1	15.1	14.0*
<u>TAHOE-TRUCKEE BASIN</u>					
Independence Camp	34	6.1	4/30	2.5	4.3*
Marlette Lake	50	3.7	4/30	1.7	3.0*
<u>WALKER BASIN</u>					
Sonora Pass	48	8.3	4/29	5.3	8.2*
Virginia Lakes Ridge	40	5.0	4/29	3.7	3.9*
* Adjusted average					

RESERVOIR STORAGE (Thousand Acre Feet) as of May 1, 1974

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage		
			This Year	Last Year	Average†
Owyhee	Wild Horse	72	75	73	30
Lower Humboldt	Rye Patch	157	167	190	107
Colorado	Mohave	1,810	1,562	1,604	1,693
Colorado	Mead	27,217	19,022	20,932	16,943
Tahoe	Tahoe	732	623	562	480
Truckee	Boca	41	33	41	27
Truckee	Prosser **	30	18	19	8 *
Truckee	Stampede	220	205	148	***
Carson	Lahontan	291	263	256	219
West Walker	Topaz	59	49	38	40
East Walker	Bridgeport	42	37	34	31

* Adjusted average
 ** Flood control use allocation of 20,000 acre-feet between November 1 and April 10
 *** Storage began August 1, 1969

TOTAL RESERVOIR STORAGE (Thousand Acre Feet)

MONTH	This Year	Last Year	Average †
October 1	820	867	718
January 1	1,015	917	714
February 1	1,147	1,025	782
March 1	1,103	1,093	843
April 1	1,250	1,153	893
May 1	1,247	1,194	934

† 1958-1972 period.

The above data developed from Wild Horse, Rye Patch, Tahoe, Boca, Lahontan, Topaz, and Bridgeport Reservoirs in 1,000 Acre-Feet.

TOTAL USABLE CAPACITY 1,394

SNOW COURSE MEASUREMENTS

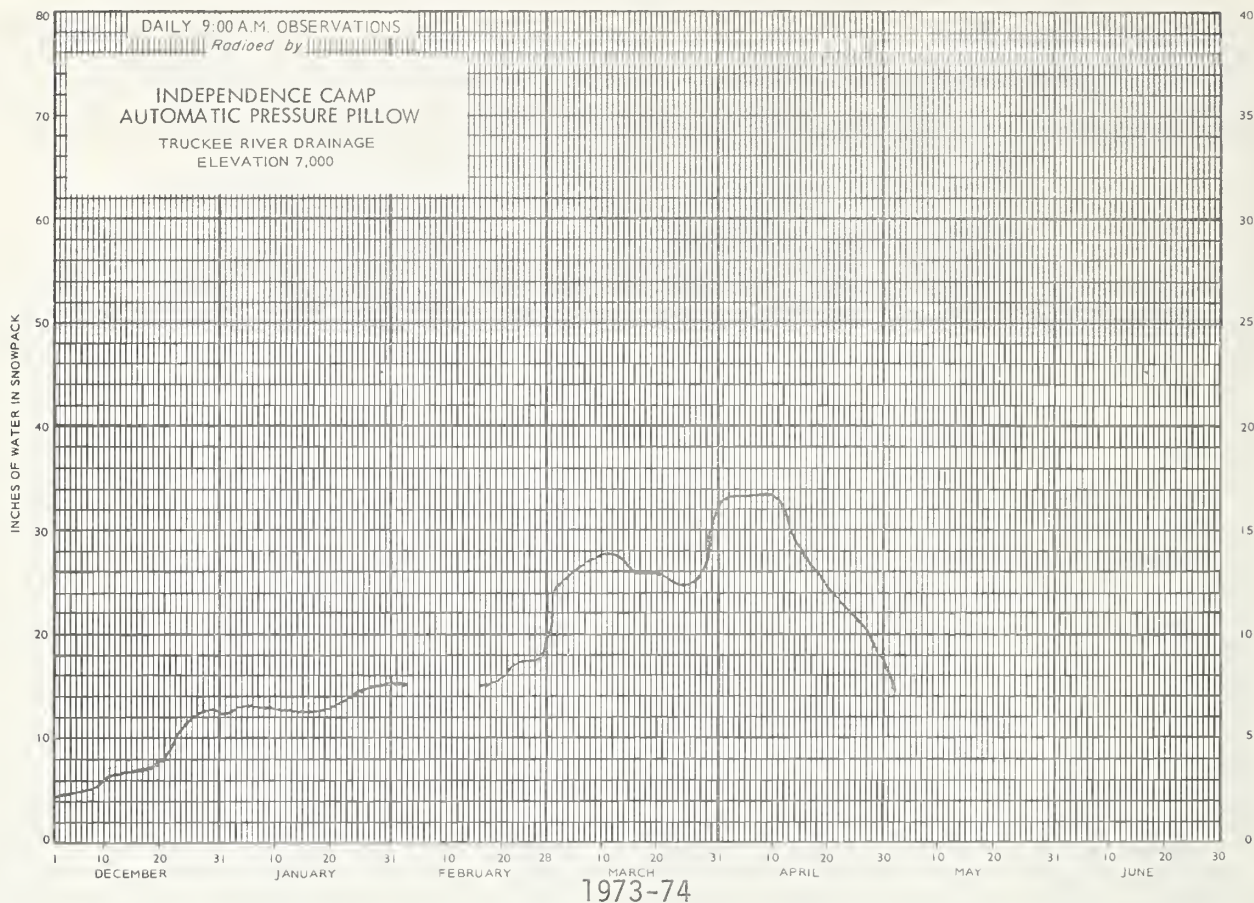
DRAINAGE BASIN and/or SNOW COURSE		THIS YEAR			PAST RECORD	
		Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	
NAME	Elevation				Last Year	Average †
<u>LAKE TAHOE</u>						
Echo Summit (CA)		4/26	93	38.4	23.3	24.2
Freel Bench (CA)		4/29	3	1.2	4.0	6.3*
Hagans Meadow		4/29	29	12.8	12.6	12.4*
Heavenly Valley		4/29	72	33.9	27.6	-
Marlette Lake		4/30	48	22.7	20.6	21.6*
Upper Truckee		4/29	0	0.0	2.2	-
Ward Creek #2 (CA)		4/30	112	51.3	40.7	40.1
Ward Creek #3 (CA)		4/30	93	43.9	40.3	-
<u>TRUCKEE RIVER</u>						
Donner Summit (CA)		5/1	86	44.0	43.6	30.7
Fordyce Lake (CA)		4/30	84	51.0	45.5	36.9*
Furnace Flat (CA)		4/30	115	62.0	49.0	43.1
Independence Camp (CA)		4/30	46	19.5	15.8	18.1*
Independence Creek		4/30	0	0.0	8.7	7.3*
Independence Lake (CA)		4/30	128	59.3	40.0	47.0*
Mount Rose Ski Area		4/30	119	55.0	41.9	-
Sage Hen Creek (CA)		4/30	19	7.7	12.6	14.3*
Squaw Valley #2 (CA)		4/30	131	62.3	51.4	51.4*
<u>CARSON RIVER</u>						
Blue Lakes		4/26	109	43.9	39.5	32.3
Carson Pass, Upper (CA)		4/29	85	39.4	38.6	33.3
Poison Flat		4/29	22	9.7	-	-
Wet Meadows #2		4/29	93	42.1	-	-
<u>WALKER RIVER</u>						
Sonora Pass (CA)		4/29	57	26.4	26.2	19.1
Virginia Lakes (CA)		4/29	36	15.6	18.1	14.2*
Virginia Lakes Ridge (CA)		4/29	49	19.6	20.0	-
<u>NORTHERN GREAT BASIN</u>						
Cedar Pass (CA)		4/29	46	22.0	17.0	11.1
<u>OWYHEE RIVER</u>						
Big Bend		4/30	2	0.9	4.3	1.3
Gold Creek		4/30	0	0.0	0.0	0.3
Jack Creek, Lower		5/1	0	0.0	0.0	0.1
Jack Creek, Upper		5/1	3	1.4	8.0	3.4

SNOW COURSE MEASUREMENTS

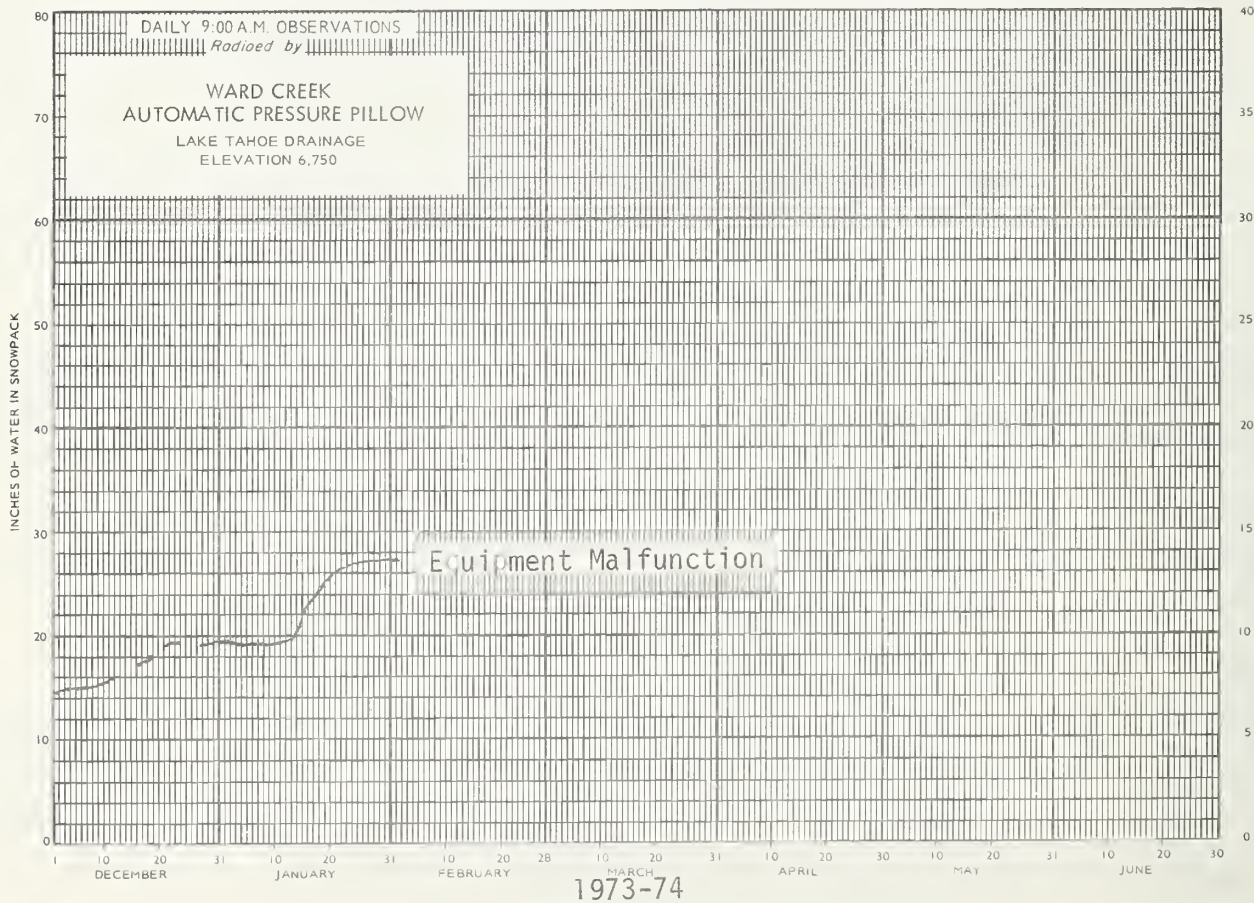
DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (inches)	Water Content (inches)	Last Year	Average +
<u>OWYHEE RIVER (continued)</u>					
Jacks Peak	5/1	84	35.1	26.1	26.7
Taylor Canyon	5/1	0	0.0	0.0	0.1
<u>SNAKE RIVER</u>					
Bear Creek	4/29	46	18.8a	29.0	20.1
Goat Creek	4/29	45	18.4a	21.2	19.7
Hummingbird Springs	4/29	66	26.9	29.0	27.7
Pole Creek Ranger Station	4/25	64	26.1	24.1	22.6
Red Point	4/29	0	0.0	7.5	9.1*
<u>UPPER HUMBOLDT RIVER</u>					
Fry Canyon	4/30	0	0.0	0.5	1.1
Green Mountain	5/2	22	9.6	19.5	6.2*
Lamoille #1	4/29	4	1.5	10.6	1.9*
Lamoille #2	4/29	3	1.2	12.2	2.5*
Lamoille #3	4/29	23	8.6	15.4	7.1*
Lamoille #4	4/29	48	19.1	25.4	15.6*
Lamoille #5	4/29	81	35.7	29.0	26.7*
Rodeo Flat	4/30	0	0.0	2.5	1.1
Tremewan Ranch	4/30	0	0.0	0.0	0.0
<u>EASTERN NEVADA</u>					
Berry Creek	4/29	47	16.9	24.7	15.4
Bird Creek	4/29	0	0.0	-	-
<u>CORRECTED DATA for April 1</u>					
Granite Peak	3/28	38	14.1	15.8	15.4*
Disaster Peak	3/26	38	14.6	12.1	10.8

NOTE:
All averages based on 1958-72, 15 year period. Forecast period is April 1 through July 31 unless otherwise noted.
o-Aerial marker; water content estimated. * 1958-72 adjusted average.

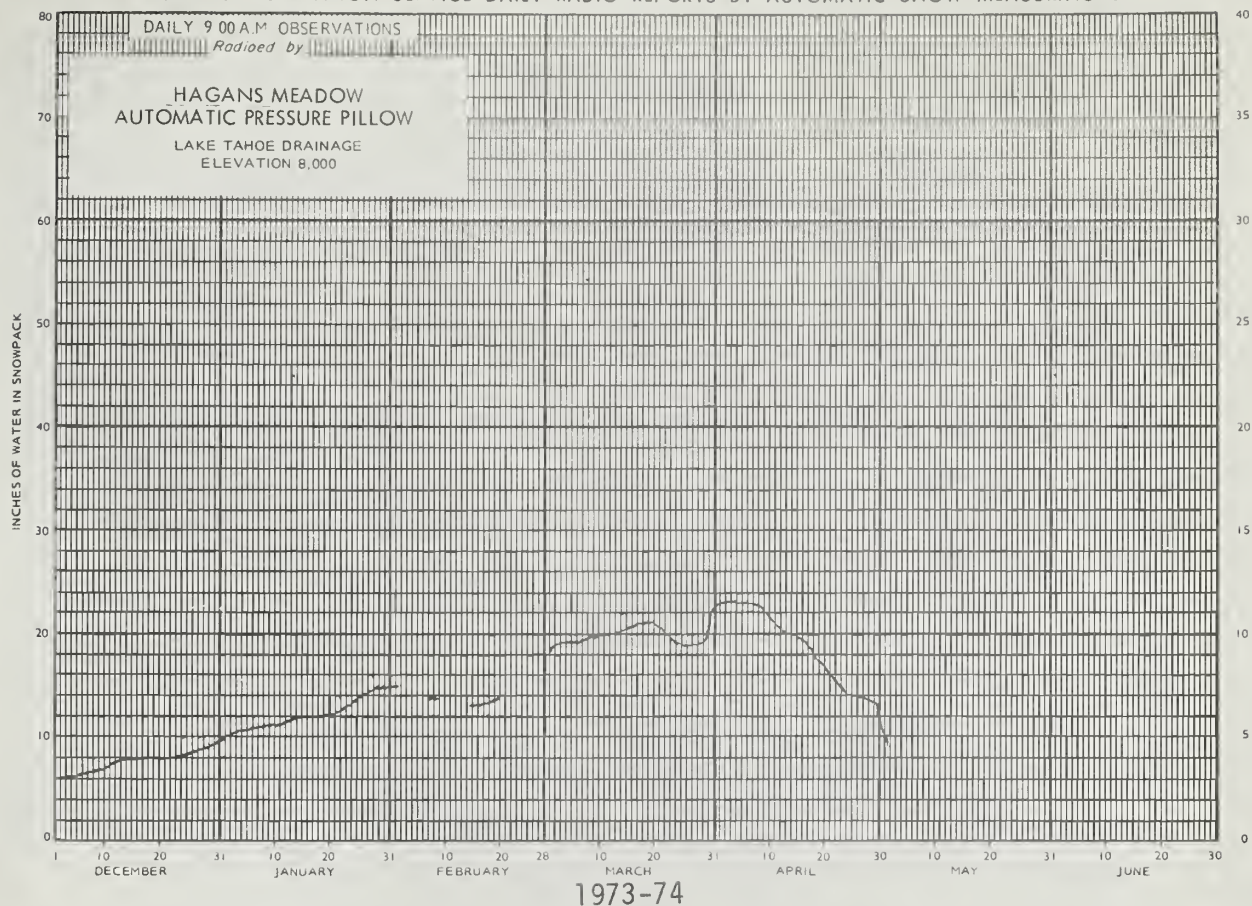
U.S.D.A. SOIL CONSERVATION SERVICE DAILY RADIO REPORTS BY AUTOMATIC SNOW MEASURING STATION



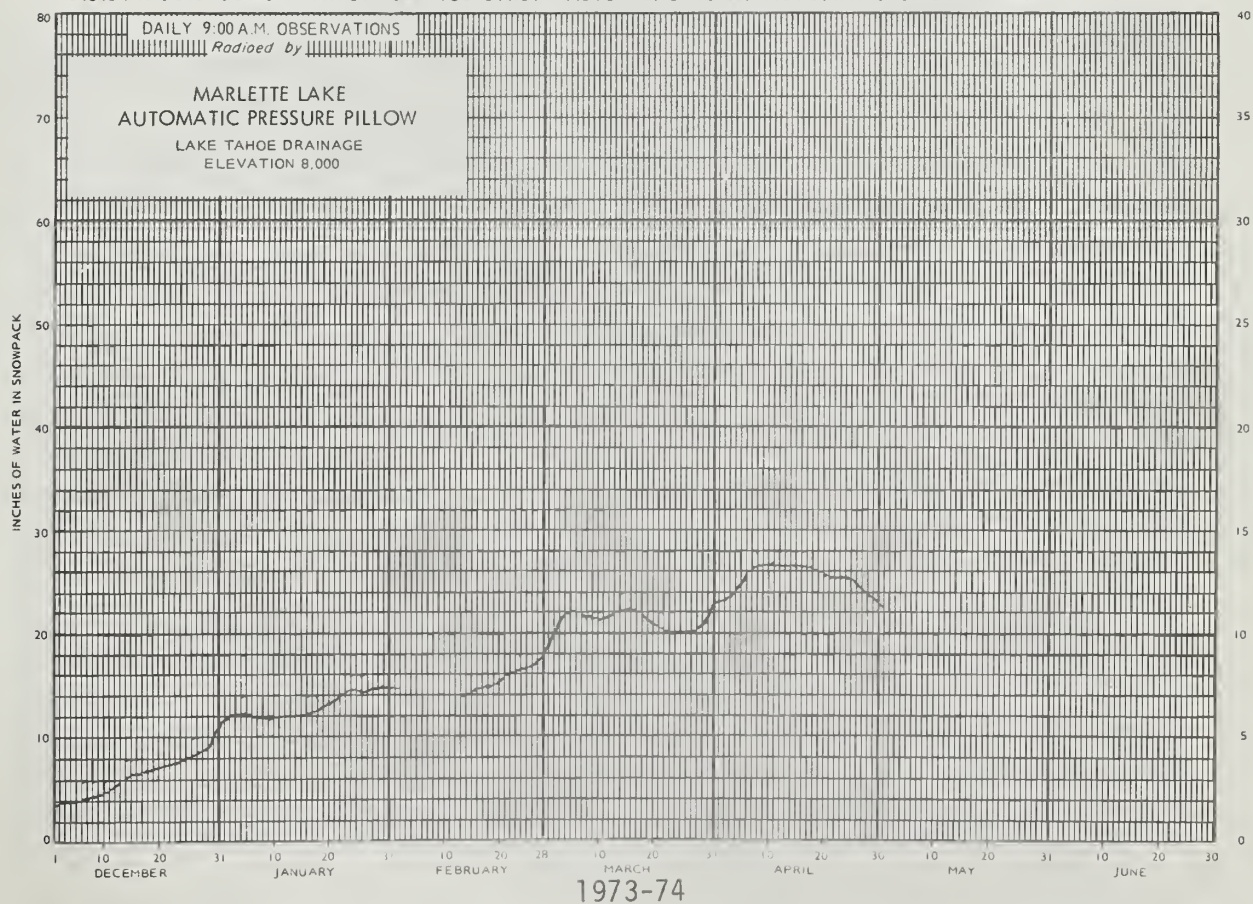
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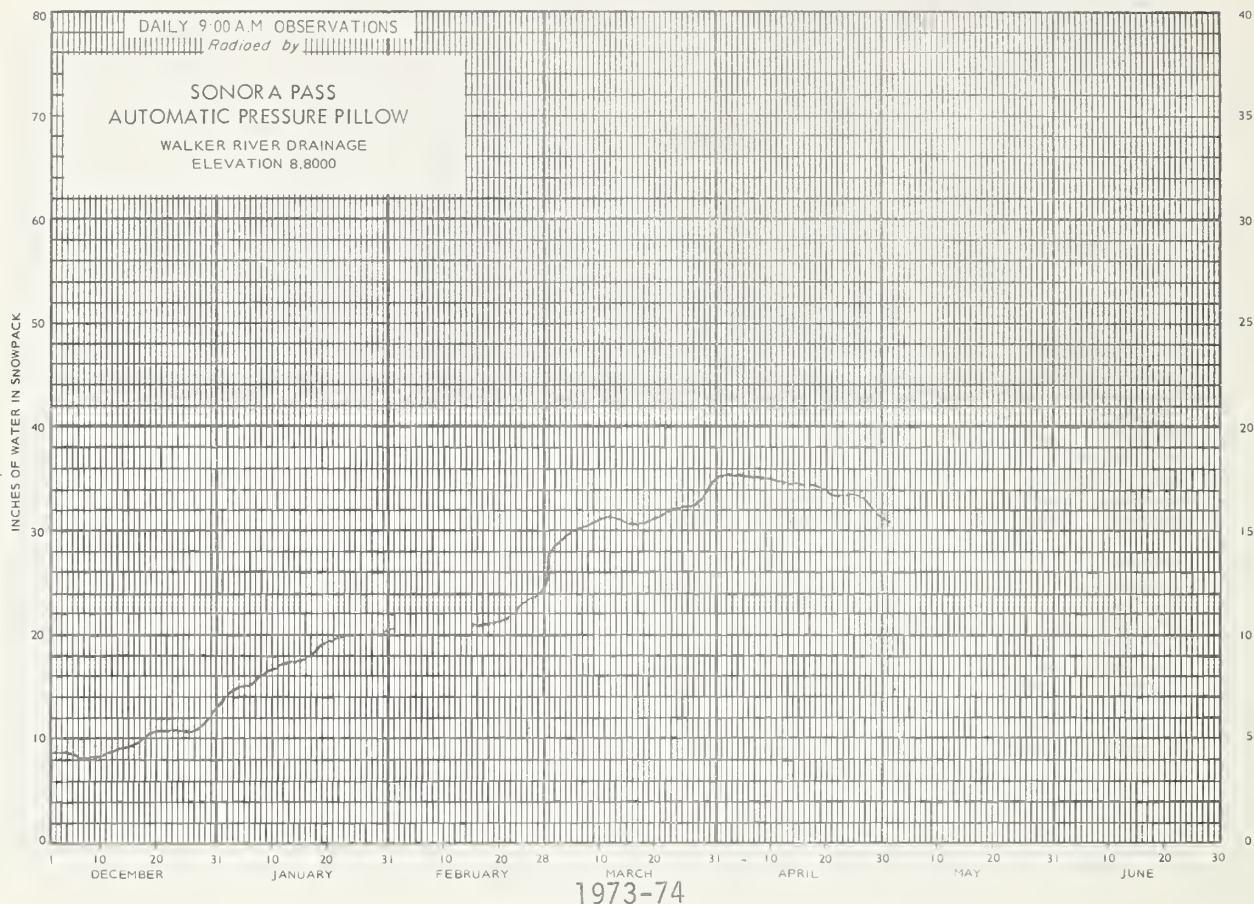
U.S.D.A. SOIL CONSERVATION SERVICE DAILY RADIO REPORTS BY AUTOMATIC SNOW MEASURING STATION



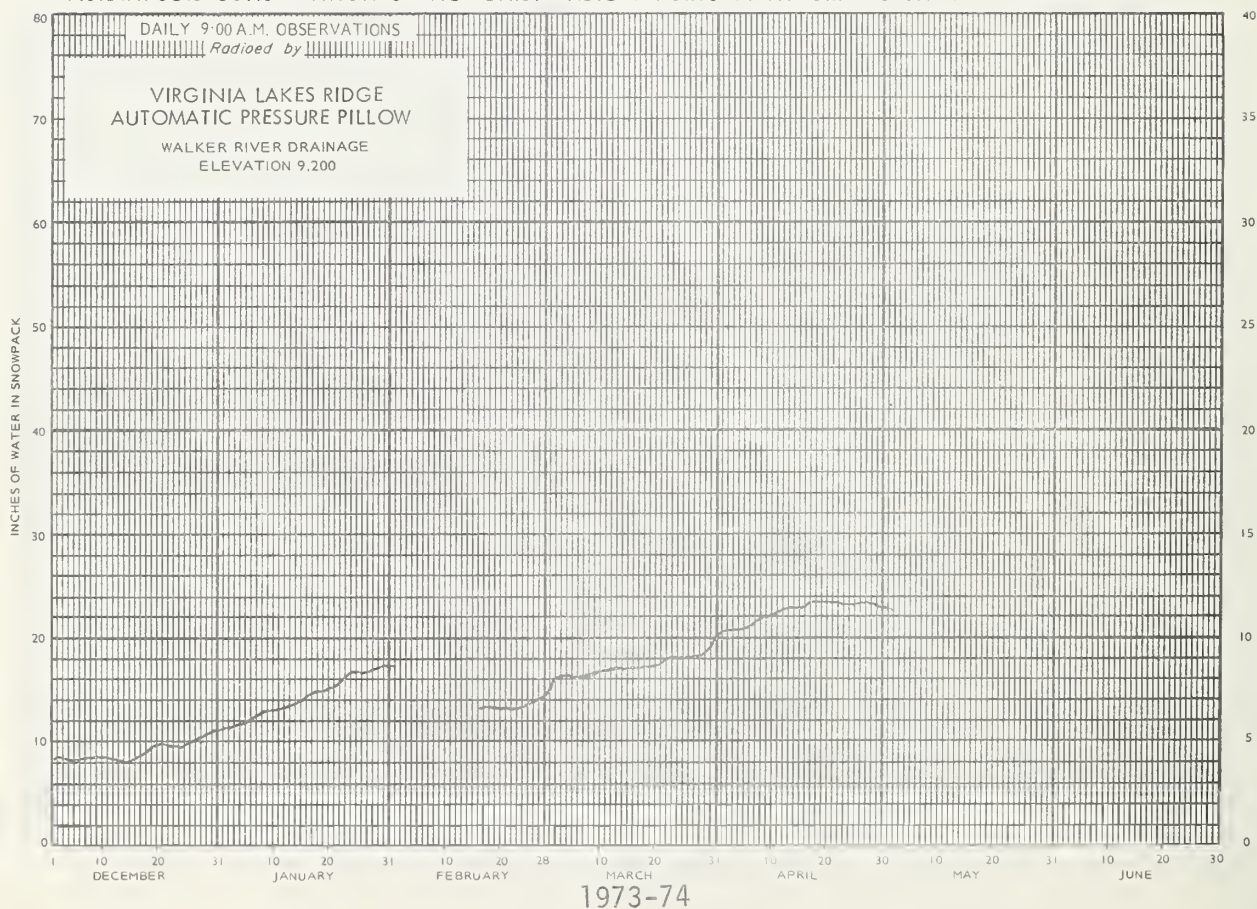
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Agencies Cooperating in Collecting Data Contained in this Bulletin

FEDERAL

- Agricultural Research Service
- Bureau of Reclamation
- Fish and Wildlife Service
- Forest Service
- Geological Survey
- Navy
- Sail Conservation Service
- U. S. District Court - Federal Water Master
- NOAA, National Weather Service

STATE

- California Cooperative Snow Surveys
- California Department of Parks and Recreation
- California Department of Water Resources
- Colorado River Commission of Nevada
- Idaho Cooperative Snow Surveys
- Nevada Association of Conservation Districts
- Nevada Department of Conservation & Natural Resources
 - Division of Water Resources
- Nevada State Forester
- Oregon Cooperative Snow Surveys
- Utah Cooperative Snow Surveys
- White Mountain Research Station, Univ. of California

PRIVATE

- Amalgamated Sugar Company
- Kennecott Copper Corporation
- Nevada Irrigation District
- Owyhee Project North Board of Control
- Owyhee Project South Board of Control
- Pacific Gas and Electric Company
- Pershing County Water Conservation District
- Sierra Pacific Power Company
- Truckee-Carson Irrigation District
- Walker River Irrigation District
- Washoe County Water Conservancy District

Other organizations and individuals furnish valuable information for the snow survey reports. Their Cooperation is gratefully acknowledged.

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
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*"The Conservation of Water begins
with the Snow Survey"*